

AMENDMENTS TO THE CLAIMS

Claims 1-9 are cancelled and new claims 10-20 are added, as shown below.

1. – 9. (Cancelled)

10. (New) A method of managing the blood glucose concentration of a host, said method comprising:

- (a) automatically measuring the glucose concentration of the host a plurality of times over a predetermined time period and according to a predetermined schedule;
- (b) comparing said plurality of glucose concentration measurements to a reference pattern of glucose concentrations; and
- (c) administering insulin to said host in response to said comparison of measurements.

11. (New) The method of claim 10, wherein said step (b) is performed automatically without human intervention.

12. (New) The method of claim 11, wherein said step (c) is performed automatically without human intervention.

13. (New) The method of claim 10, further comprising repeating steps (a) and (b).

14. (New) The method of claim 10, wherein said steps (a) and (b) are preformed by a device worn on the host, wherein said device comprises a plurality of single-use glucose measurement means.

15. (New) The method of claim 14, wherein said step (c) is performed by said device.

16. (New) The method of claim 14, wherein said plurality of single-use glucose measurement means is provided within a removable cartridge.

17. (New) The method of claim 10, further comprising modifying said scheduling mode subsequent to said step (c).

18. (New) The method of claim 17, wherein said modifying said scheduling mode comprises increasing the frequency of measurements of said step (a).

19. (New) The method of claim 10, wherein said measurements are made in situ.

20. (New) The method of claim 10, wherein said measurements are made ex vivo.